

DaimlerChrysler AG

Abstract

1. Method for operating a drive train of a motor vehicle.
- 2.1. A torque which is output by a drive machine may be limited by a control device in order to protect a transmission. The object of the invention is to propose a method by means of which the transmission is protected against damage by excessively high temperatures.
- 2.2. The control device determines a maximum acceptable power ( $P_{max}$ ) from a characteristic curve (32) as a function of temperature information of the transmission. Using a rotational speed of the drive machine the control device determines from said maximum acceptable power ( $P_{max}$ ) a maximum acceptable torque ( $M_{max}$ ) to which the torque which is output by the drive machine is limited.
- 2.3. For use in a motor vehicle.

3. Fig. 2